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Koide et al.

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(54) **LIQUID EJECTING DEVICE AND METHOD OF MANUFACTURING LIQUID EJECTING DEVICE**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

A liquid ejecting device, having a fluid passage structure formed with multiple nozzles arranged in a particular nozzle arrangement direction and multiple passages respectively communicating with the multiple nozzles. The fluid passage structure has a metallic nozzle plate formed with the multiple nozzles which is arranged in a nozzle arrangement direction. Further, the metallic nozzle plate has a liquid ejection surface on which multiple ejection openings respectively corresponding to the multiple nozzles being formed, multiple convex parts protruding from the liquid ejection surface, the multiple convex parts being arranged along the nozzle arrangement direction, beside the multiple ejection openings, respectively. Further, the multiple convex parts are formed by press working applied to the nozzle plate from a side opposite to the liquid ejection surface.

10 Claims, 8 Drawing Sheets

